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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1

of 12

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Application Number	10/091,357
Filing Date	March 1, 2002
First Named Inventor	Pillarisetti, Sivaram
Group Art Unit	1644
Examiner Name	Haddad, M. M.

Attorney Docket No.

R18631 1050.1

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

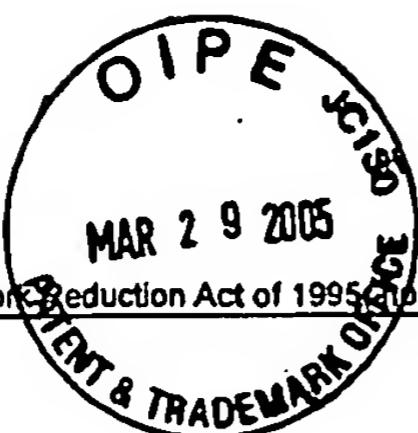
**Examiner
Signature**

Maher Haddad

Date Considered

5/4/05

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent document, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached.



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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 2 of 2

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Application Number	10/091,357
Filing Date	March 1, 2002
First Named Inventor	Pillarisetti, Sivaram
Group Art Unit	1644
Examiner Name	Haddad, M. M.
Attorney Docket No.	R18631 1050.1

OTHER INFORMATION - NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
MTH	2	HALLORAN, B. et al., "Transforming Growth Factor-β1 Inhibits Human Arterial Smooth-Muscle Cell Proliferation in a Growth-Rate-Dependent Manner", The American Journal of Surgery, Aug. 1995, 193-197, Vol. 170, W. B. Saunders & Co.	
MTH	3	KASSEN, A. et al., "Stromal Cells of the Human Prostate: Initial Isolation and Characterization", The Prostate, 1996, 89-97, Vol. 28, Wiley-Liss, Inc., New York, New York, U.S.A.	
MTH	4	KRONEMANN, N. et al., "Growth-Inhibitory Effect of Cyclic GMP- and Cyclic AMP-dependent Vasodilators on Rat Vascular Smooth Muscle Cells: Effect on Cell Cycle and Cyclin Expression", British Journal of Pharmacology, Jan. 1999, 349-357, Vol. 126 (1), Stockton Press, United Kingdom	
MTH	5	SCHRIEVER, C. et al., "Human Recombinant Insulin-Like Growth Factor I and -II Stimulate the Expression of Basic Fibroblast Growth Factor but Suppress the Division of Bovine Coronary Smooth Muscle Cells", Atherosclerosis, 1996, 255-263, Vol. 122 (2), Elsevier Science Ireland Ltd.	
MTH	6	PAHL, M. et al., "Antithrombin III Inhibits Mesangial Cell Proliferation", Journal of the American Society of Nephrology, 2249-2253, Vol. 7 (10), The American Society of Nephrology, U.S.A.	

Examiner Signature	Mohamed Haddad	Date Considered	5/4/05
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**INFORMATION DISCLOSURE
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Sheet 1 of 3

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Application Number	10/091,357
Filing Date	March 1, 2002
First Named Inventor	Sivaram Pillarisetti
Group Art Unit	
Examiner Name	

Attorney Docket Number *TECH CENTER 160012* 18631-0141 (45116268551)

OTHER INFORMATION - NON PATENT LITERATURE DOCUMENTS

Examiner initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
		<u>Belknap, James K., et al., "Relationship Between Perlecan and Tropoelastin Gene Expression and Cell Replication in the Developing Rat Pulmonary Vasculature", Am. J. Respir. Cell Mol. Biol., Vol. 20, pp. 24-34 (1999)</u>	
		<u>Benitz, William E., et al., "Endothelial Heparan Sulfate Proteoglycan. I. Inhibitory Effects on Smooth Muscle Cell Proliferation", Am. J. Respir. Cell Mol. Biol., Vol. 2, pp. 13-24 (1990)</u>	
		<u>Bingley, John A., et al., "Inhibition of Neointimal Formation by Natural Heparan Sulfate Proteoglycans of the Arterial Wall", Ann. N.Y. Acad. Sci., Vol. 811, pp. 238-244. (1997)</u>	
		<u>Brown, Christopher T., et al., "Characterization Of Proteoglycans Synthesized by Cultured Corneal Fibroblasts in Response to Transforming Growth Factor Beta and Fetal Calf Serum", J. Biol. Chem., Vol. 274, No. 11, pp. 7111-7119 (1999)</u>	
		<u>Bult, Hidde, "Restenosis: A Challenge for Pharmacology", Trends Pharmacol. Sci., Vol. 21, pp. 274-279 (2000)</u>	
		<u>Campbell, Julie H., et al., "Endothelial Cell Influences on Vascular Smooth Muscle Phenotype", Ann. Rev. Physiol., Vol. 48, pp. 295-306 (1986)</u>	
		<u>Crowley, Stephen T., et al., "Multiple Growth Factors are Released from Mechanically Injured Vascular Smooth Muscle Cells", Am. J. Physiol., Vol. 269, No. 5, pp. H1641-H1647 (1995)</u>	
		<u>Engelberg, Hyman, "Actions of Heparin in the Atherosclerotic Process", Am. Soc. Pharm. Exp. Therap., Vol. 48, No. 2, pp. 327-352 (1996)</u>	
		<u>Forsten, Kimberly E., et al., "Endothelial Proteoglycans Inhibit bEGF Binding and Mitogenesis", J. Cell. Physiol., Vol. 172, pp. 209-220 (1997)</u>	
		<u>Fuji, Noriyasu, et al., "Thrombin Reduces Large Heparan Sulfate Proteoglycan Molecules in Cultured Vascular Endothelial Cell Layers Through Inhibition of Core Protein Synthesis", Thromb. Res., Vol. 88, pp. 299-307 (1997)</u>	

Examiner Signature	<i>Maher Haddad</i>	Date Considered	5/4/05
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 2

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Application Number	10/091,357
Filing Date	March 1, 2002
First Named Inventor	Sivaram Pillarisetti
Group Art Unit	
Examiner Name	
Attorney Docket Number	18631-0141 (45115-268551)

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OTHER INFORMATION - NON PATENT LITERATURE DOCUMENTS

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		Garg, Uttam C., et al., "Nitric Oxide-Generating Vasodilators and 8-Bromo-Cyclic Guanosine Monophosphate Inhibit Mitogenesis and Proliferation of Cultured Rat Vascular Smooth Muscle Cells". <i>J. Clin. Invest.</i> , Vol. 83, No. 5, pp. 1774-1777 (1989)	
		Hayashi, Kimiko, et al., "Endothelial Cells Interact with the Core Protein of Basement Membrane Perlecan Through Beta 1 and Beta 3 Integrins: An Adhesion Modulated by Glycosaminoglycan", <i>J. Cell Biol.</i> , Vol. 119, No. 4, pp. 945-959 (1992)	
		Iozzo, Renato V., et al., "Structural Characterization of Perlecan Gene Promoter", <i>J. Biol. Chem.</i> , Vol. 272, No. 8, pp. 5219-5228 (1997)	
MH 14		Iozzo, Renato V., et al., "The Biology of Perlecan: the Multi-faceted Heparan Sulphate Proteoglycan of Basement Membranes and Pericellular Matrices", <i>Biochem. J.</i> , Vol. 302, pp. 625-639 (1994)	
		Karnovsky, Morris I., "Endothelial-Vascular Smooth Muscle Cell Interactions", <i>Am. J. Pathol.</i> , Vol. 105, No. 3, pp. 200-206 (1981)	
MH 16		Karnovsky, M.J., et al., "Heparin, Heparan Sulfate, Smooth Muscle Cells, and Atherosclerosis", <i>Ann. N.Y. Acad. Sci.</i> , Vol. 556, pp. 268-281 (1989)	
		Koyama, Noriyuki, et al., "Heparan Sulfate Proteoglycans Mediate a Potent Inhibitory Signal for Migration of Vascular Smooth Muscle Cells", <i>Circ. Res.</i> , Vol. 83, No. 3, pp. 305-313 (1998)	
		Luscher, Thomas F., et al., "The Pathogenesis Of Cardiovascular Disease: Role of the Endothelium as a Target and Mediator", <i>Atherosclerosis 118 Suppl.</i> , pp. S81-S90 (1995)	
		Nugent, Matthew A., et al., "Perlecan is Required to Inhibit Thrombosis After Deep Vascular Injury and Contributes to Endothelial Cell Mediated Inhibition of Intimal Hyperplasia", <i>PNAS</i> , Vol. 97, No. 12, pp. 6722-6727 (2000)	
		Orford, James L., et al., "The Comparative Pathobiology of Atherosclerosis and Restenosis", <i>Am. J. Cardiol.</i> , Vol. 86, pp. 6H-11H (2000)	
		Ottlinger, Michael E., et al., "Heparin Inhibits Mitogen-Activated Protein Kinase Activation in Intact Rat Vascular Smooth Muscle Cells", <i>J. Biol. Chem.</i> , Vol. 268, No. 26, pp. 19173-19176 (1993)	

Examiner Signature	Maker Haddad	Date Considered	5/4/05
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/091,357
Sheet 3 of 3		Filing Date	March 1, 2002
		First Named Inventor	Sivaram Pillarisetti
		Group Art Unit	MAY 16 2002
		Examiner Name	
		Attorney Docket Number	18631-0141 (4511-268567)

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